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TI - SHIP WITH TURNING PROPELLER

PN - JP9142391 A 19970603

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IC - B63H25/42

TI - Ship for e.g. oceanic research, cable laying - has turn-type propellers for 360 degrees rotation steering arranged on both sides of main propeller in lower end of struts which project from hull

AB - J09142391 The ship includes a main propeller (1) arranged in the centre of a stern. Turn type propellers (3) for 360 degree rotation steering are arranged on both sides of the main propeller in the lower end of the struts (3a) which project from a hull (2).
- ADVANTAGE - Sharply decreases generation of underwater noise; performs adequate steering according to sailing state; enables use of same propeller for steering and propulsion; eliminates influence of water current in turn-type propeller.
- (Dwg.1/8)

PN - JP9142391 A 19970603 DW199732 B63H25/42 004pp
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AB - PROBLEM TO BE SOLVED: To use a turning propeller at steering time so as to attain reduction of underwater noise, while particularly a high output can be generated in a propeller for propulsion, relating to a ship with turning propellers suited by using it for an oceanic research ship or the like using an underwater acoustic equipment.
- SOLUTION: A propeller 1 for propulsion capable of generating a high output is arranged in a stern center part, also in a lower end of a strut 3a protrusively provided downward from a hull 2 respectively in hull both side parts in the rearward from this propeller 1, steering use turning propellers 3 capable of 360 deg. turning around a perpendicular axis line are arranged, while reducing underwater noise lower than the conventional tunnel type side thruster by the propellers 3, efficient steering of a ship can be attained.

I - B63H25/42

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ABD - 19971031

ABV - 199710
AP - JP19950328216 19951122